



# 1999 Toxics Release Inventory

## NEBRASKA

### Reported Releases and Waste Management Activities (in pounds)

	Original Industries	New Industries	Total
On-site Releases	17,062,047	7,839,729	24,901,776
Air Emissions	5,037,464	3,487,263	8,524,727
Surface Water Discharges	11,294,646	52,515	11,347,161
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	5	0	5
Other On-site Land Releases	729,932	4,299,951	5,029,883
Off-site Releases (Transfers Off-site to Disposal)*	1,950,584	415,093	2,365,677
<b>Total On- and Off-site Releases</b>	<b>19,012,631</b>	<b>8,254,822</b>	<b>27,267,453</b>
Recycled On-site	1,884,598	257,380	2,141,978
Recycled Off-site	41,240,163	489,716	41,729,879
Energy Recovery On-site	311,185	0	311,185
Energy Recovery Off-site	365,777	15,048	380,825
Treated On-site	7,594,782	23,879,414	31,474,196
Treated Off-site**	1,166,097	46,658	1,212,755
Quantity Released On- and Off-site***	23,171,454	8,143,811	31,315,265
<b>Total Production-related Waste Managed</b>	<b>75,734,056</b>	<b>32,832,027</b>	<b>108,566,083</b>
<b>Total Non-production-related Waste Managed</b>	<b>226,883</b>	<b>0</b>	<b>226,883</b>

### Transfers Off-site for Further Waste Management/Disposal

Recycling	41,201,448	100,011	41,301,459
Energy Recovery	358,347	15,002	373,349
Treatment	221,807	48,445	270,252
Publicly Owned Treatment Works (POTWs)	884,383	0	884,383
Metals and Metal Compounds*	13,245	0	13,245
Non-metal TRI Chemicals**	871,138	0	871,138
Other Off-site Transfers***	0	0	0
Off-site Transfers to Disposal (not including metals to POTWs)	6,205,465	415,643	6,621,108
<b>Total Transfers Off-site for Further Waste Management/Disposal</b>	<b>48,871,450</b>	<b>579,101</b>	<b>49,450,551</b>

\* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Transfers to POTWs of non-metals are included in treated off-site waste management activity.

\*\*\* Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

\*\*\*\* Transfers reported without a valid waste management code.

### For More Information . . .

#### State Contact:

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E-mail: donnie.zach@ndeq.state.ne.us

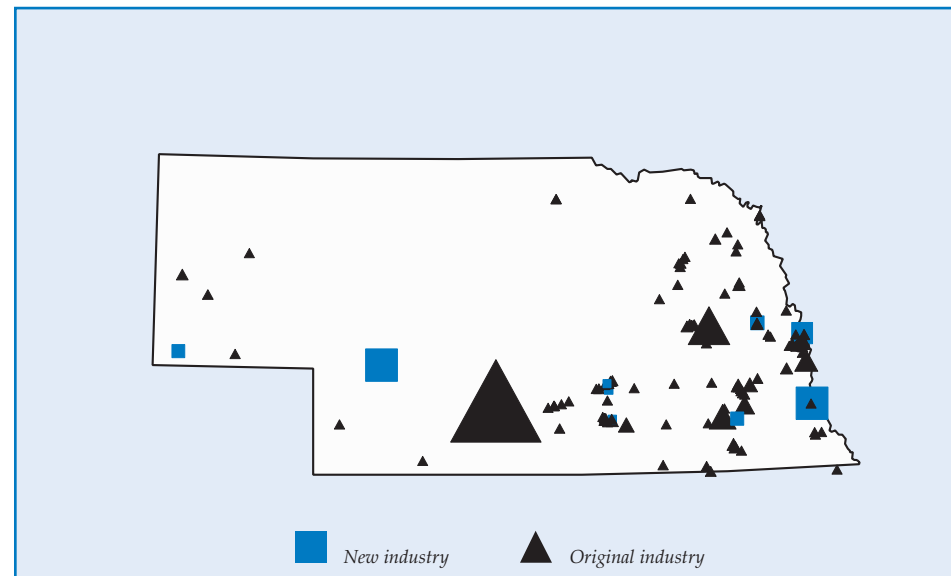
#### EPA Regional Contact:

Stephen Wurtz  
(913) 551-7315  
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E-mail: wurtz.stephen@epa.gov

#### To obtain TRI data use assistance, call TRI User Support Service (TRI-US):

(202) 260-1531  
(202) 401-2347



The largest marker in the state map represents the largest facility for on-site releases in the state of Nebraska. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

### State/TRI Data

Population	1,666,028
Square Miles	76,878
Total Facilities	174
Total Forms	597
Form As	111

	Original Industries	New Industries	Total
<b>National Rank for Total On- and Off-site Releases*</b>			
Rank	35	41	38
Pounds	19,012,631	8,254,822	27,267,453
<b>National Rank for Total On-site Releases**</b>			
Rank	33	41	37
Pounds	17,062,047	7,839,729	24,901,776
<b>National Rank for Total Releases within State***</b>			
Rank	34	41	37
Pounds	18,416,120	8,258,795	26,674,915
<b>National Rank for Production-related Waste Managed</b>			
Rank	39	31	42
Pounds	75,734,056	32,832,027	108,566,083

\* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Includes amounts released at the facility. Excludes amounts transferred to other sites.

\*\*\* Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



# 1999 Toxics Release Inventory

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### On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Original Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
--	Nitrate compounds	20	11,207,081	0	93,822	95,088	11,396,011	0	95,088	0
--	Zinc compounds	102,015	4,108	0	0	4,208,088	4,314,211	36,306	313,867	3,894,221
7664-41-7	Ammonia	847,068	73,852	0	541,795	215,378	1,678,093	0	215,378	0
110-54-3	n-Hexane	799,424	0	0	0	0	799,424	0	0	0
--	Manganese compounds	10,376	522	0	9,100	730,459	750,457	0	2,856	727,603
1330-20-7	Xylene (mixed isomers)	624,295	1	0	0	414	624,710	0	402	12
108-88-3	Toluene	539,042	5	0	0	419	539,466	0	414	5
--	Lead compounds	3,238	308	0	0	384,543	388,089	263	6,852	377,691
95-63-6	1,2,4-Trimethylbenzene	364,253	5	0	0	2,000	366,258	0	0	2,000
1717-00-6	1,1-Dichloro-1-fluoro-ethane (HCFC-141b)	298,649	0	0	0	0	298,649	0	0	0

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\* The chemical ranking is based on the amounts in this column.

### On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Seven New Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
7647-01-0	Hydrochloric acid	2,050,063	0	0	0	0	2,050,063	0	0	0
--	Barium compounds	153,051	250	0	1,526,423	275,850	1,955,574	0	275,350	500
7440-39-3	Barium	185	0	0	1,936,000	0	1,936,185	0	0	0
7664-39-3	Hydrogen fluoride	1,143,935	0	0	0	0	1,143,935	0	0	0
--	Copper compounds	5,260	5	0	318,851	43,500	367,616	5	43,250	250
--	Zinc compounds	2,160	250	0	121,592	69,250	193,252	1,602	69,000	250
--	Manganese compounds	11,594	0	0	105,005	0	116,599	1,675	0	0
7439-96-5	Manganese	1,230	0	0	78,000	0	79,230	0	0	0
1313-27-5	Molybdenum trioxide	5	0	0	76,480	0	76,485	0	0	0
7782-50-5	Chlorine	13,520	52,000	0	0	0	65,520	0	0	0

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\* The chemical ranking is based on the amounts in this column.



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# NEBRASKA

## On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Original Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection			On-site Releases to Land				Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
IBP Inc., Lexington, Dawson	18,840	6,500,250	0	0	0	8,505	6,527,595	161,770	0
Excel Corp., Schuyler, Colfax	10,510	2,541,897	0	0	0	0	2,552,407	2,537	0
Farmland Foods Inc., Crete, Saline	58,335	1,306,432	0	0	0	0	1,364,767	0	0
PCS Nitrogen Fertilizer L.P., Bellevue, Sarpy	236,505	656,100	0	0	0	159,122	1,051,727	22,285	5
Goodyear Tire & Rubber Co., Lincoln, Lancaster	795,231	156	0	0	0	0	795,387	76,473	484
U.S.D.A. Agricultural Research Service Rlhusmarc, Clay Center, Clay	0	0	0	0	0	462,113	462,113	0	0
ADM, Lincoln, Lancaster	430,002	10	0	0	0	0	430,012	1,500	0
Farmland Industries,Inc., Beatrice, Gage	203,310	39,060	0	0	0	3,100	245,470	0	0
New Holland N.A. Inc., Grand Island, Hall	212,000	0	0	0	0	0	212,000	0	0
Agrium U.S Inc. Homestead Nitrogen Ops., Beatrice, Gage	145,388	63,841	0	0	0	0	209,229	0	0

\*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

## On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Seven New Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Omaha Public Power District Nebraska City Station, Nebraska City, Otoe	864,490	5	0	0	0	1,566,000	2,430,495	0	0
Nebraska Public Power District. Gerald Gentleman Station, Sutherland, Lincoln	1,005,120	52,000	0	0	0	1,373,000	2,430,120	0	0
Omaha Public Power District North Omaha Station, Omaha, Douglas	743,740	5	0	0	0	568,000	1,311,745	0	0
City of Fremont Department of Utilities Lon D. Wright Power, Fremont, Dodge	563,560	505	0	0	0	4,100	568,165	387,600	0
Nebraska Public Power District - Sheldon Station, Hallam, Lancaster	204,400	0	0	0	0	312,000	516,400	0	0
Clean Harbors Environmental Services Inc., Kimball, Kimball	18,640	0	0	0	0	476,841	495,481	0	28,043
Platte Generating Station, Grand Island, Hall	55,790	0	0	0	0	10	55,800	0	0
Whelan Energy Center, Hastings, Adams	31,520	0	0	0	0	0	31,520	0	0
Safety-Kleen Sys. (506501), Grand Island, Hall	3	0	0	0	0	0	3	0	0

\*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



# 1999 Toxics Release Inventory

## NEBRASKA

### Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Original Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site*	Total Production- related Waste Managed Pounds	Total Non- production- related Waste Managed Pounds
IBP Inc., Lexington, Dawson	0	46,000	0	0	277,000	1,500	6,686,155	7,010,655	0
Nucor Steel Nebraska, Norfolk, Madison	0	2,575,749	0	0	0	0	4,865,237	7,440,986	166,310
Excel Corp., Schuyler, Colfax	0	0	0	0	2,947,831	0	2,554,944	5,502,775	0
Farmland Foods Inc., Crete, Saline	0	0	0	0	436,719	21,469	1,364,318	1,822,506	90
Goodyear Tire & Rubber Co., Lincoln, Lancaster	24,343	0	0	82,080	0	3,734	872,344	982,501	0
PCS Nitrogen Fertilizer L.P., Bellevue, Sarpy	150,000	53,780	0	0	1,308,000	22,285	851,016	2,385,081	56,880
U.S.D.A. Agricultural Research Service Rhusmarc, Clay Center, Clay	0	0	0	0	0	0	462,113	462,113	0
ADM, Lincoln, Lancaster	0	80,000	0	0	0	1,680	430,002	511,682	0
Nebraska Energy L.L.C., Aurora, Hamilton	0	0	0	0	0	309,174	309,192	618,366	45
Behlen Mfg. Co., Columbus, Platte	0	260,700	0	24,700	0	0	290,090	575,490	0

\*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

### Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Seven New Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site*	Total Production- related Waste Managed Pounds	Total Non- production- related Waste Managed Pounds
Omaha Public Power District Nebraska City Station, Nebraska City, Otoe	0	0	0	0	0	0	2,430,000	2,430,000	0
Nebraska Public Power District. Gerald Gentleman Station, Sutherland, Lincoln	122,380	0	0	0	0	0	2,389,000	2,511,380	0
Omaha Public Power District North Omaha Station, Omaha, Douglas	0	0	0	0	0	0	1,312,000	1,312,000	0
City of Fremont Department of Utilities Lon D. Wright Power, Fremont, Dodge	0	0	0	0	0	0	944,000	944,000	0
Nebraska Public Power District - Sheldon Station, Hallam, Lancaster	135,000	0	0	0	0	0	507,000	642,000	0
Clean Harbors Environmental Services Inc., Kimball, Kimball	0	0	0	15,048	23,879,414	46,658	487,133	24,428,253	0
Platte Generating Station, Grand Island, Hall	0	0	0	0	0	0	43,155	43,155	0
Whelan Energy Center, Hastings, Adams	0	389,705	0	0	0	0	31,520	421,225	0
Safety-Kleen Sys. (506501), Grand Island, Hall	0	100,011	0	0	0	0	3	100,014	0

\*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.